

CSUSB Department of Mathematics
Preparing to Teach Mathematics at the Secondary Level (Grades 7-12)

Please speak with the BS Teaching Concentration (BSTC) in Mathematics Coordinator, Dr. Laura Wallace (wallace@csusb.edu), or other Math Department faculty if you have questions about which option is most appropriate for you.

OPTION 1: Single Subject Credential in Mathematics
(authorizes an individual to teach all math courses at the secondary level including precalculus, calculus, and AP courses)

As preparation for admission to the Single Subject Credential Program you need to:

1. Complete a bachelor's degree program.
2. Demonstrate subject matter competency in Mathematics by ONE of the following:
 - a. Complete the BSTC program at CSUSB. This program is a CTC-approved CSET waiver program and is the **best option** for preparation for teaching secondary school mathematics. Mathematics coursework is specifically designed to give future teachers a deep understanding of school mathematics from a teaching perspective. Elective coursework should be selected in consultation with math department faculty during advising.
 - b. Complete the BA or BS (applied or general concentrations) in Mathematics. If the BA in Mathematics is selected, then it is strongly recommended that Math 2900 and Math 4900 be selected as elective courses. Other elective coursework should be selected in consultation with math department faculty during advising.
 - c. Achieve passing scores on Subtests I, II, and III of the CSET in Mathematics exam. See the following website for details: <http://www.ctcexams.nesinc.com>
 - d. Successfully complete a combination of CSET subtests I, II, or III and coursework (C- or better), as determined by the Department of Mathematics, which meets or exceeds the subject matter requirements for these exams. This subject matter is consistent with the requirements of the coursework contained in the BSTC above in option 2a. Contact the Department of Mathematics (math.csusb.edu) for more information.
3. Contact the CSUSB College of Education, Student Services office in CE 102 (909-537-5609) for credential program admission requirements and attend an information session: <https://www.csusb.edu/coe/prospective-students/credential-admissions>.

OPTION 2: Single Subject Credential in Foundational-Level Mathematics
(authorizes an individual to teach general math, algebra, geometry, consumer math, and probability and statistics, but *not* pre-calculus, calculus or AP courses)

As preparation for admission to the Single Subject Credential Program you need to:

1. Complete a bachelor's degree program. If you successfully complete a degree in Mathematics (including the BSTC), then you qualify for Option 1 above.
2. Demonstrate subject matter competency in Foundational Mathematics by ONE of the following:

- a. Achieve passing scores on Subtests I and II of the CSET in Mathematics exam
See the following website for details: <http://www.ctcexams.nesinc.com>.
 - b. Successfully complete of a combination of CSET subtests I or II and coursework (C- or better), as determined by the Department of Mathematics, which meets or exceeds the subject matter requirements for these exams. This subject matter is consistent with the requirements of the coursework contained in the BSTC above in option 2a. The current CSUSB coursework equivalent for Subtests I and II includes calculus prerequisites, and so any individual who satisfies the CSUSB coursework equivalent for these two subtests will also satisfy the coursework for Subtest III (as long as the calculus coursework is completed at C- or better) and qualify for a full Single Subject Credential as outlined in Option 1. Contact the Department of Mathematics (math.csusb.edu) for more information.
3. Contact the CSUSB College of Education, Student Services office in CE 102 (909-537-5609) for credential program admission requirements and attend an information session: <https://www.csusb.edu/coe/prospective-students/credential-admissions>.

OPTION 3: Subject Matter Authorization in Mathematics

(authorizes an individual to teach math courses at the middle school level up through 9th grade)

To qualify for this authorization you must:

1. Possess a California Teaching Credential in any field (including Multiple Subjects).
2. Complete a CTC-approved program of 48 quarter-units or 32 semester-units of mathematics coursework. The *Certificate in Introductory Mathematics* at CSUSB meets these requirements. See <http://bulletin.csusb.edu/> for a list of classes and the Subject Matter Authorization Guideline Book at <https://www.ctc.ca.gov/credentials/manuals> for details, including how to apply for a Subject Matter Authorization through the CTC.